3937T0 T8825O1T

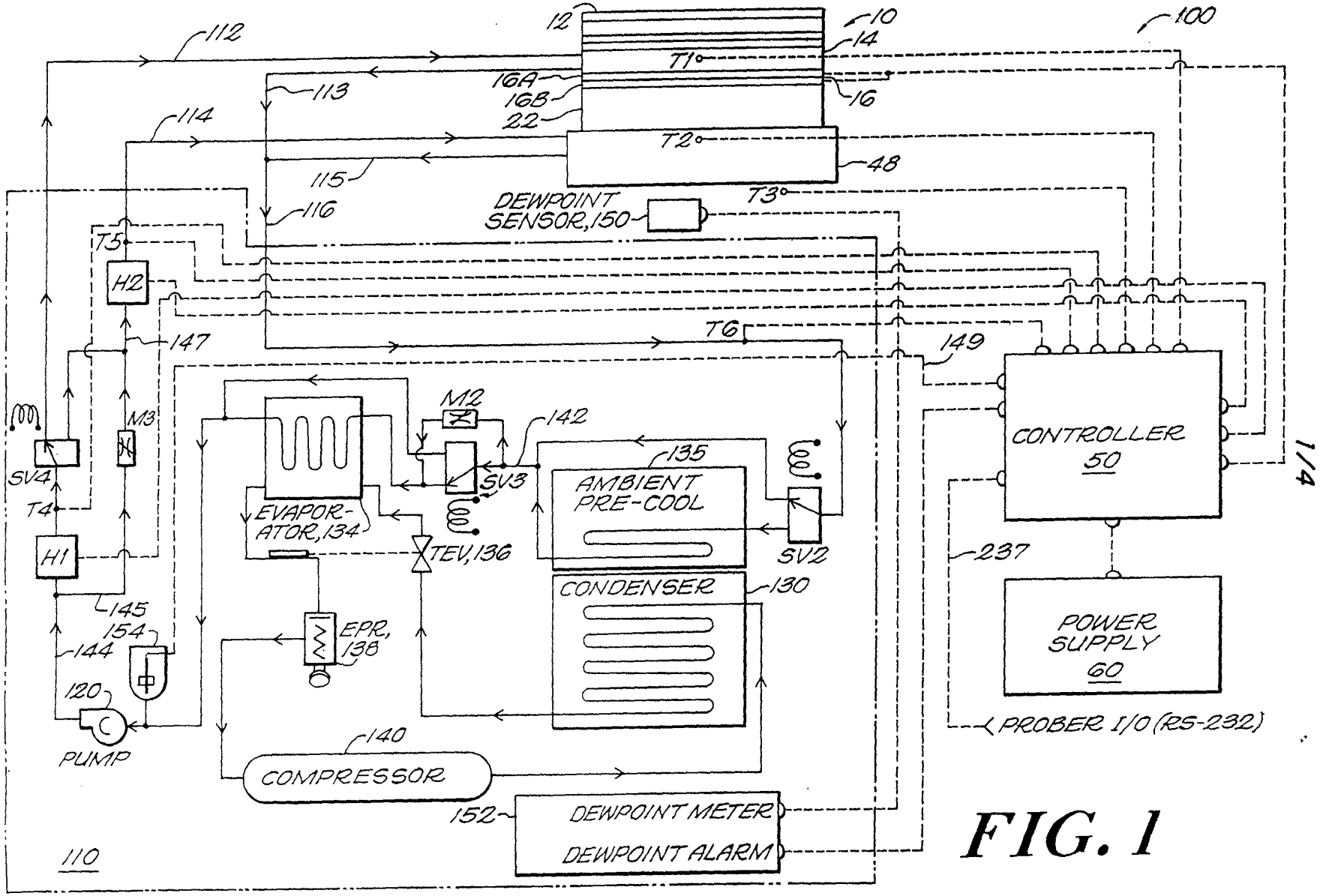

FIG. 1

Sorto: 5825001

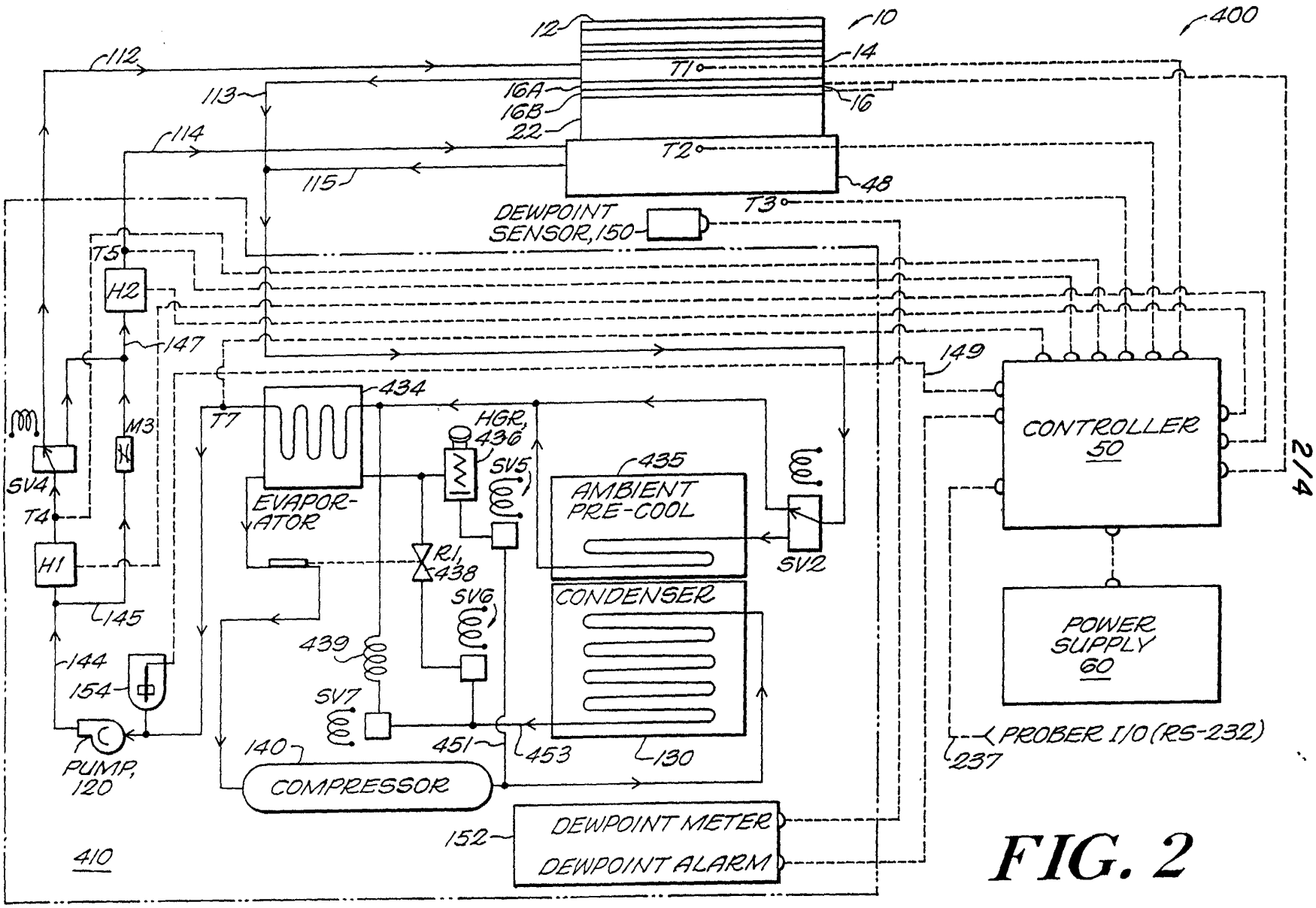

FIG. 2

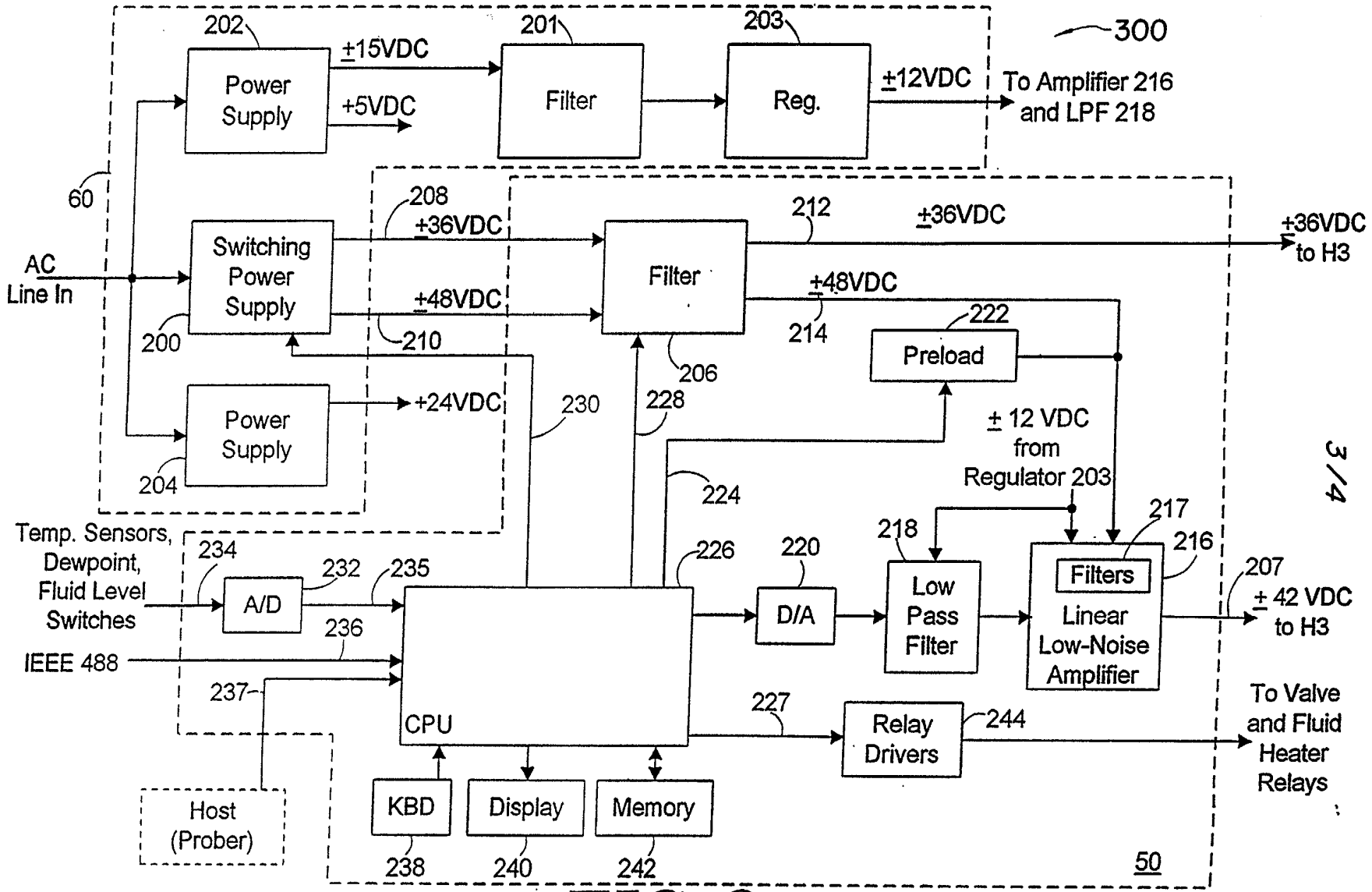
300
202
Power Supply
±15VDC
+5VDC
201
Filter
203
Reg.
±12VDC
To Amplifier 216 and LPF 218
60
AC Line In
208
±36VDC
Switching Power Supply
±48VDC
200
210
Power Supply
+24VDC
204
230
228
Filter
212
±36VDC
±36VDC to H3
±48VDC
214
222
Preload
206
± 12 VDC from Regulator 203
224
Temp. Sensors, Dewpoint, Fluid Level Switches
234
A/D
232
235
236
IEEE 488
237
226
220
D/A
218
Low Pass Filter
217
216
Filters
Linear Low-Noise Amplifier
207
± 42 VDC to H3
CPU
227
Relay Drivers
244
To Valve and Fluid Heater Relays
Host (Prober)
KBD
Display
Memory
238
240
242
50

FIG. 3

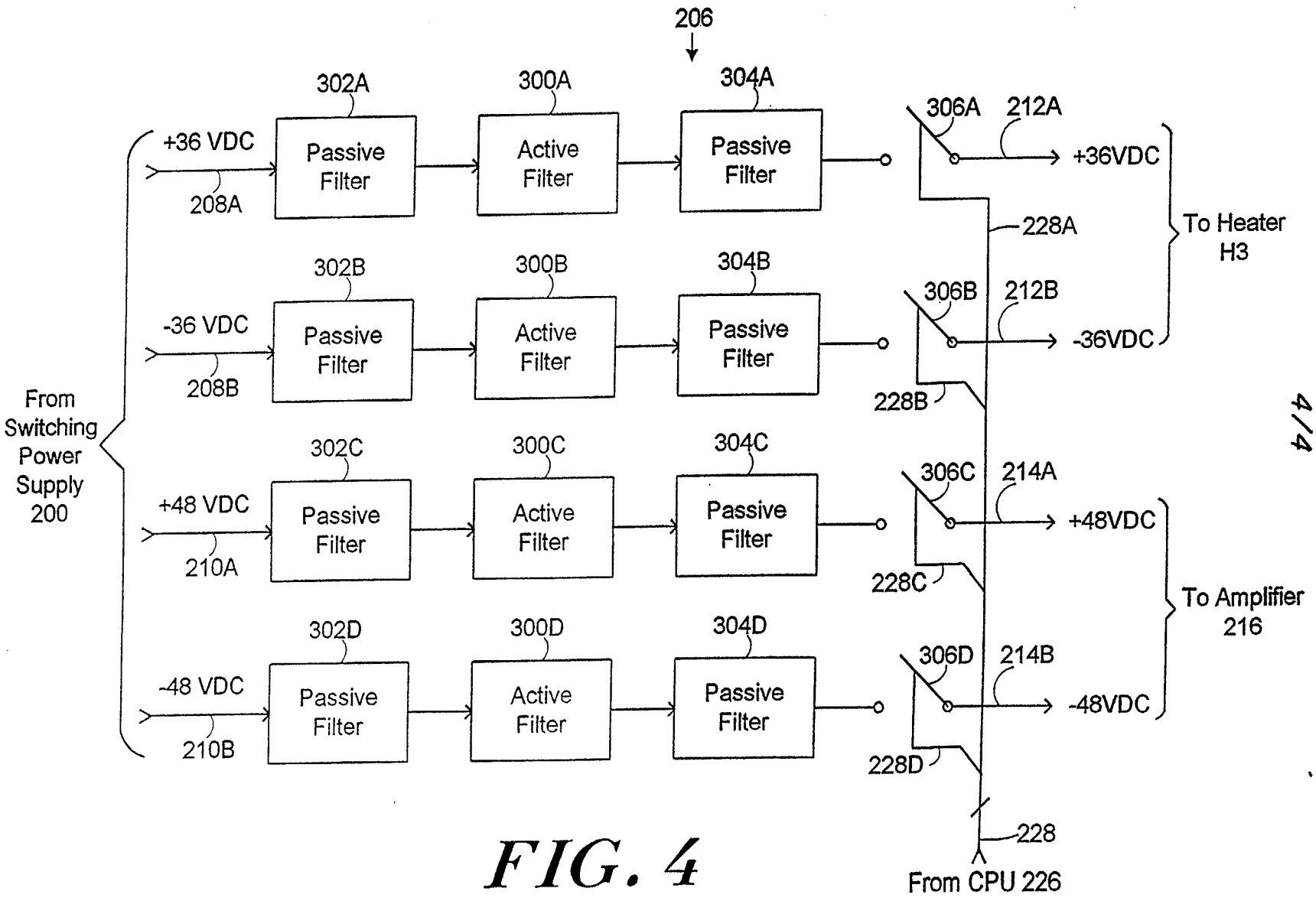
206
From Switching Power Supply 200
+36 VDC
208A
302A
Passive Filter
300A
Active Filter
304A
Passive Filter
306A
212A
+36VDC
228A
To Heater H3
-36 VDC
208B
302B
Passive Filter
300B
Active Filter
304B
Passive Filter
306B
212B
-36VDC
228B
+48 VDC
210A
302C
Passive Filter
300C
Active Filter
304C
Passive Filter
306C
214A
+48VDC
228C
To Amplifier 216
-48 VDC
210B
302D
Passive Filter
300D
Active Filter
304D
Passive Filter
306D
214B
-48VDC
228D
228
From CPU 226

FIG. 4